Universiti Teknologi MARA

KNOWLEDGEPOINT™: Developing within uPortal Framework Intuitive and Personalized Gateway to Access and to Integrate Faculty-specific Information and Applications with Unstructured Data

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Thesis submitted in fulfillment of the requirements for Bachelor of Science (Hons) Information System Engineering Faculty of Information Technology And Quantitative Science

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DECLARATION

This declaration is to certify that all of the submitted contents of this thesis are original in its stature, excluding those which have been acknowledged specifically in the references. All the work processes involved are from my own endeavor and it has not been taken or done by unknown sources or individuals. I, hereby declare that I am responsible for the contents of this thesis as it had been submitted as part of fulfillment of BSc. (Hons.) in Information System Engineering program.

April 20th 2005

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ABSTRACT

Portal framework offers knowledge sharing and concept of codes innovation and also a reusable coding concept for rapid application development. Portal integration is essential to enable different data, resources and services to be collected together to produce single view for large community such as FTMSK. To enable such integration, Single Sign-On solution must be develop to give easiness for user to use different application with a single place of view. This research project is prepared for the Faculty of Information Technology and Quantitative Science, MARA University of Technology, Shah Alam, is an explanatory studies on integration and Single Sign-On issues. The research address the problem related the need of seamless integration and Single Sign-On features to navigate user throughout their personalized content retrieval. This thesis provides the descriptive of several integration methods that can be implemented in FTMSK, The degrees of possibility of each method to be implemented in FTMSK are pointed out to provide an insight of the nature of the issues. This thesis also provides a prototype of integration between uPortal and OpenACS framework as a proof of concept to support the hypothesis of the research.
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